

Ass.Prof. Mumin Alper Erdogan DVM, PhD



PERSONAL DETAILS

Address: Mansuroglu Mah. 283/12 Sok. No:18 Ayyıldız Apt. A Blok K:6 D:16 Bayraklı/İZMİR/TURKEY
Tel: +905433818677
E-mail: alpero86@gmail.com
Marital Status: Married
Nationality: Turkish
Date of birth: 17/06/1986
Place of birth: AYDIN

EDUCATION

PostDoc/Ass.Prof: Izmir Katip Celebi University, Faculty of Medicine, Department of Physiology, 2018 (Present)
Research Assistant and PhD Student: Ege University, Faculty of Medicine, Department of Physiology, 2013-2017
Research Assistant: Izmir Katip Celebi University, Faculty of Medicine, Department of Physiology, 2013-2018
Research Scholar: University of Texas MD Anderson Cancer Center, Houston, TX, Graduate Student. (May 2012-October 2013)
PhD: Adnan Menderes University, Faculty of Veterinary Medicine, Department of Physiology, 2009-2015 (Completed)
Ege University, Faculty of Medicine, Department of Physiology, 2013-2017 (Completed)
Ege University, Health Science Institute, Cancer Biology and Immunology, 2015-(Present)
BA/Undergraduate Degree: Adnan Menderes University, Faculty of Veterinary Medicine, 2004-2009
High School: Aydın Adnan Menderes Anatolian High School, 2000-2004

PhD Thesis

1) Targeting of Na_v1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy, Adnan Menderes University, Faculty of Veterinary Medicine, Department of Physiology, 2015 (**University of Texas MD Anderson Cancer Center, Department of Experimental Therapeutics, Houston, TX**)
2) The Effects of Rottlerin and Genistein on cell proliferation, invasion and cell death/cycle in neuroblastoma cancer cell lines, Ege University, Faculty of Medicine, Department of Physiology, 2017

AWARDS AND HONOURS

FENS Travel Award for NEURO 2019 - the joint meeting of the 42nd Annual Meeting of the Japan Neuroscience Society, Japan, 25-28 July 2019
EACR Correspondent Award for 6th ImmunoTherapy of Cancer Conference (ITOC6) (11 - 13 April 2019, Vienna, Austria)
ACSE/ACSTM 2019 Travel Award from Asian Council for Science Editors (ACSE), 12-14th February, 2019
FEPS Travel Grant for Europhysiology 2018, London, September 2018
1st place Poster Presentation Winner, Fare Meme Kanseri Modelinde Propolisin Kullanım Potansiyelinin Araştırılması. Uluslararası Katılımlı 1. Ulusal Apiterapi Kongresi APIKON 2017, 16-17.12.2017, İstanbul, Turkey.
EACR Meeting Bursary Award: ESMO 2017, 2017
MOKAD Young Basic Cancer Investigator Award, 2016
MOKAD Young Investigator Scholarship, 6. Multidisipliner Kanser Araştırma Kongresi, MOKAD, 2016
3rd place Oral Presentation Winner, Metotreksat ile Tubuler Hasar Oluşturulmuş Sıçanlarda Aminofilin ve Adenozinin Tubul Hasarı Üzerine Etkisi. 18. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, 11-15 May 2016, GİRNE, KKTC
Boehringer Ingelheim Fonds Travel Grant, EMBL Introductory Course Transgenic Animals, 2016
EACR-2nd Anticancer Agents Congress, Young Investigator Scholarship of MOKAD, 2014
EACR-2nd Anticancer Agents Congress, Travel Award of MOKAD, 2014
The Scientific and Technological Research Council of Turkey 2214-International Research Fellowship Programme (for PhD students) (2012-2013)
The Scientific and Technological Research Council of Turkey 2211-National Scholarship Programme for PhD Students (2009-2013)
Adnan Menderes University, Faculty of Veterinary Medicine (2004-2009) (graduated with a first degree)
Outstanding Student Award, Adnan Menderes University, Faculty of Veterinary Medicine, 2009

PUBLICATIONS AND RESEARCH EXPERIENCE

Posters:

Mümin Alper ERDOĞAN, Gürkan Yiğittürk, Oytun Erbas (2018). C191 - Neuroprotective effects of dexpanthenol on Alzheimer's dementia model in rats. FENS Forum of Neuroscience 2018, 7-11.07.2018, Berlin, Germany.

Mumin Alper Erdogan, Bulent Ozpolat (2018). 1950 / 25 - Targeted silencing of Nav1.5 channel suppresses cell proliferation and invasion in ovarian cancer cells through inhibition of PI3K/AKT and Integrin β -1/FAK/Src axis. AACR Annual Meeting 2018, 14-18.04.2018, Chicago, IL, USA.

Onur Elif, Doğan Meltem, **Erdoğan Mümin Alper**, Nalbantsoy Ayşe, Kışla Duygu (2017). Fare Meme Kanseri Modelinde Propolis Kullanım Potansiyelinin Araştırılması. ULUSLARARASI KATILIMLI 1. ULUSAL APİTERAPİ KONGRESİ APIKON 2017, 16-17.12.2017, İstanbul, Türkiye

Mümin Alper Erdoğan, Ozlem Alkan Yılmaz (2017). Effects of rottlerin and genistein through EF2K on proliferation, invasion and cell cycle/death in neuroblastoma cells. ESMO 2017 Congress, 8-12 September 2017, Madrid, Spain

Mumin Alper Erdogan, Bulent Ozpolat (2017). Targeted silencing of elongation factor 2 kinase (EF2K) suppresses invasion, cell proliferation and growth in an orthotopic model of ovarian cancer. AACR Annual Meeting 2017, 1-5.04.2017, Washington DC.

Orcun Zorbozan, Mehmet Harman, Vedat Evren, **Alper Erdogan**, Asli Kilavuz, Ibrahim Cavus, Ahmet Yıldırım, Ozlem Yılmaz, Ahmet Ozbilgin, Nevin Turgay (2017). A New Ex Vivo Model: Infecting Glial Cells with Antimony-Resistant L. Tropica. 6th World Congress on Leishmaniasis, 16-20 May 2017, Toledo-Spain

Mumin Alper Erdogan, Bulent Ozpolat (2017). Targeting of Nav1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy, ECCO European Cancer Congress, 2017, Amsterdam/Holland, 27-30.01.2017

Emin Taşkıran, Hasan Çağrı Yıldırım, **Mümin Alper Erdoğan**, Mustafa Yıldırım, Gürkan Yiğittürk, Ayfer Meral, Harun Akar, Dilek Taşkıran, Oytun Erbaş (2016). Sepsis Modeli Geliştirilen Sıçanlarda Trimetazidin'in Mortalite Azaltıcı Ve Böbrek Koruyucu Etkisinin Gösterilmesi. 18. Ulusal İç Hastalıklar Kongresi, 12 - 16 Ekim 2016, Belek, Antalya.

Elvin Sevgili, Ejder Saylav Bora, Güliz Armagan, **Alper Erdoğan**, Taner Dağcı (2016). Vinpocetine attenuates manganese-induced toxicity in neural stem cells. Annual Meeting of the Society for Free Radical Research Europe, 8-11 June, 2016, Budapest, Hungary.

Oytun Erbaş, Fulya Tuzcu Gürkan, Asghar Khalilnezhad, **Mümin Alper Erdoğan**, Ayşegül Taşkıran, Dilek Taşkıran (2016). Maternal metabolik strese maruz kalan yavru sıçanlardaki davranışsal ve nörokimyasal bozulmanın GLP-1 ile düzelmesi. 14. ULUSAL SINIRBİLİM KONGRESİ, 26-29 MAYIS 2016, Ankara

Ahmet Bircan, Nilgun Gurbuz, **Alper Erdogan**, Bulent Ozpolat (2015). Rottlerin induces mitochondria dependent apoptosis in human lung cancer cells. EACR-Sponsored 3rd Anticancer Agent Development Congress, Dokuz Eylül University, May 18-19, 2015, Izmir, TURKEY.

Ashour, A., **Erdogan, A.**, Alpay, S. N., Kahraman, N., Yuka, E., Lopez-Berestein, G., & Ozpolat, B. (2015). EF2-kinase (EF2K): A novel molecular target in ovarian and pancreatic cancers, AACR 106th Annual Meeting 2015; April 18-22, 2015; Philadelphia, PA.

Mumin Alper Erdogan, Bulent Ozpolat. Targeting of Voltage-Gated Sodium Channel Nav1.5 inhibits cell proliferation and colony formation in Breast Cancer Cells, EACR-2nd Anticancer Agents Congress, 2014, Bodrum/TURKEY, 24.04.2014

Erdogan Mumin A., Ozpolat Bulent. Targeting of Voltage-gated sodium channel Nav1.5 inhibits cell proliferation and colony formation in breast and ovarian cancer cells, AACR 2013 Annual Meeting Washington DC., 07.04.2013

Oytun Erbaş, Asghar Khalilnezhad, Meltem Aksu, **Alper Erdogan**, Fulya Gürkan, Dilek Taşkıran. Metabolik sendromlu sıçanların yavrularında otizm gelişiminin gösterilmesi. 17. Ulusal İç Hastalıkları Kongresi, 14-18 Ekim 2015, Antalya/TURKEY

Balkaya M., Belge F., Ünsal C., Üner AG., Sekkin S., Bildik A., Ünsal H., **Erdoğan MA.**, Koç E., Effects of different calorie restriction types on circulating blood cells and oxidant and antioxidant status in male Wistar rats, 8th Congress of FEPS, 04.09.2011

Ünsal H., Ünsal C., Kutu Ö., **Erdoğan MA.**, Koç E., Balkaya M., Belge F., Kırıl F., Korkmaz D., Short-term effects of pomegranate juice in rats, 36th National Physiology Congress, 15.09.2010

Oral Presentations:

Mumin Alper Erdogan (Invited Speaker) (2017). Targeting of Nav1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy. 2nd Global Insight Conference on Breast Cancer, September 04-06, 2017, Rome, Italy

Mümin Alper Erdoğan, Ozlem Alkan Yılmaz (2017). Effects of rottlerin and genistein on proliferation, invasion and cell death in neuroblastoma cells. Uluslararası Katılımlı 15. Ulusal Sinirbilim Kongresi, 7-10 Mayıs 2017, Sakarya.

Mumin Alper Erdogan, Bulent Ozpolat (2016). Targeting of Nav1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy. 6. Multidisipliner Kanser Araştırma Kongresi, 27-30.10.2016, Konya/Turkey.

Oytun Erbaş, Emin Taşkıran, **Mümin Alper Erdoğan**, Gürkan Yiğittürk, Ayfer Meral, Dilek Taşkıran (2016). Vinkristin İle İndüklenmiş Periferik Nöropati Modelinde Oksitinin Ve Liraglutidin Koruyucu Etkilerinin Gösterilmesi. 18. Ulusal İç Hastalıklar Kongresi, 12 - 16 Ekim 2016, Belek, Antalya.

Mustafa Yıldırım, Emin Taşkıran, **Mümin Alper Erdoğan**, Gürkan Yiğittürk, Ayfer Meral, Harun Akar, Dilek Taşkıran, Oytun Erbaş (2016). Metotreksat İle Tubuler Hasar Oluşturulmuş Sıçanlarda Aminofilin Ve Adenozinin Tubul Hasarı Üzerine Etkisi. 18. Ulusal İç Hastalıkları Kongresi, 12 - 16 Ekim 2016, Belek, Antalya.

Mümin Alper Erdoğan, Oytun Erbaş, Asghar Khalilnezhad, Fulya Tuzcu Gürkan, Gürkan Yiğittürk, Dilek Taşkıran (2016). Sıçanlarda yapay tatlandırıcıların uzun süreli kullanımı ile davranışsal ve histolojik değişikliklerin uyarılması: karşılaştırmalı bir çalışma. TFBD 42. Ulusal Fizyoloji Kongresi, 05-08 Eylül 2016, Düzce

Oytun Erbaş, **Mümin Alper Erdoğan**, Asghar Khalilnezhad, Fulya Tuzcu Gürkan, Gürkan Yiğittürk, Ayfer Meral, Dilek Taşkıran (2016). Maternal uzun süreli yüksek fruktoz alımının yavru sıçanlarda otizm davranışını indüklemesi. 14. ULUSAL SINIRBİLİM KONGRESİ, 26-29 MAYIS 2016, Ankara

Mustafa Yıldırım, Emin Taşkıran, Hasan Çağrı Yıldırım, Gürkan Yiğittürk, **Mümin Alper Erdoğan**, Dilek Taşkıran, Ayfer Meral, Harun Akar, Oytun Erbaş (2016). Metotreksat ile Tubuler Hasar Oluşturulmuş Sıçanlarda Aminofilin ve Adenozinin Tubul Hasarı Üzerine Etkisi. 18. Ulusal Hipertansiyon ve Böbrek Hastalıkları Kongresi, 11-15 Mayıs 2016, Gıme, KKTC

Oytun Erbaş, Asghar Khalilnezhad, Fulya Tuzcu, **Mumin Alper Erdogan**, Dilek Taşkıran. Yağlı karaciğer ve metabolik sendrom modeli geliştirilmiş annelerden doğan yavru sıçanlardaki davranışsal değişikliklerin inflamasyon-otizm bağlamında incelenmesi. 51. Nöroloji Kongresi, 27 Kasım - 3 Aralık, 2015, Antalya/TURKEY

Publications:

Taşkıran E, **Erdoğan MA**, Yiğittürk G, Erbaş O (2019). Therapeutic Effects of Liraglutide, Oxytocin and Granulocyte Colony-Stimulating Factor in Doxorubicin-Induced Cardiomyopathy Model: An Experimental Animal Study. Cardiovascular toxicology, 1-8. <https://doi.org/10.1007/s12012-019-09524-x>

Mumin Alper Erdogan, Dimas Yusuf, Arife Erdogan, Oytun Erbas (2018). Levodropropizine suppresses seizure activity in rats with pentylenetetrazol-induced epilepsy. Epilepsy Research, Volume 150, February 2019, Pages 32-37 DOI:10.1016/j.epilepsyres.2018.12.011

Arife Erdoğan, Serdar Beden, **Mümin Alper Erdoğan**, Vermi Değerli, İsmet Parlak: Secondary shoulder dislocation and fracture due to acute isoniazid intoxication. 09/2018, DOI:10.31362/patd.451578

- M. Alper Erdoğan**, Bilge Piri Cinar, Kubilay Doğan Kılıç, Türker Çavuşoğlu, Gurkan Yığıttürk, Emel Öykü Çetin, Huseyin Anı Balcioglu, Damla Güneç, Yiğit Uyanıkgil, Oytun Erbaş: Demonstration of PTZ-Induced Convulsive-Reducing Effect of Butamirate Citrate. *NeuroQuantology* 07/2018; 16(7):65-69., DOI:10.14704/nq.2018.16.7.1706
- Oytun Erbas, **Mümin Alper Erdogan**, Asghar Khalilnezhad, Fulya Tuzcu Gürkan, Gürkan Yığıttürk, Ayfer Meral, Dilek Taskiran: Neurobehavioral effects of long-term maternal fructose intake in rat offspring. *International Journal of Developmental Neuroscience* 07/2018; 69(2018):68-79., DOI:10.1016/j.ijdevneu.2018.07.001
- M. Alper Erdoğan**, Bulent Ozpolat: Abstract 1950: Targeted silencing of NaV1.5 channel suppresses cell proliferation and invasion in ovarian cancer cells through inhibition of PI3K/AKT and Integrin β -1/FAK/Src axis. *Cancer Research* 07/2018; 78(13 Supplement):1950-1950., DOI:10.1158/1538-7445.AM2018-1950
- Haci Ahmet Bircan, Nilgun Gurbuz, Apar Pataer, Ayse Caner, Nermin Kahraman, Emine Bayraktar, Recep Bayraktar, **Mumin Alper Erdogan**, Nashwa Kabil, Bulent Ozpolat (2018). Elongation factor-2 kinase (eEF-2K) expression is associated with poor patient survival and promotes proliferation, invasion and tumor growth of lung cancer. *Lung Cancer*, October 2018, Volume 124, Pages 31–39. DOI: 10.1016/j.lungcan.2018.07.027
- Görkem Sarıkaya, Güneş Çoban, Sülünay Parlar, Ayşe H. Tarikogullari, Güliz Armagan, **Mümin A. Erdoğan**, Vildan Alptüzün, Ayşe S. Apan (2018). Multifunctional cholinesterase inhibitors for Alzheimer's disease: Synthesis, biological evaluations, and docking studies of *o*/*p*-propoxyphenylsubstituted-1H-benzimidazole derivatives. *Archiv der Pharmazie*, Volume 351, Issue 8, August 2018. DOI: 10.1002/ardp.201800076
- Ejder Saylav Bora, **Mümin Alper Erdoğan**, Oytun Erbaş (2018). Electrophysiological evaluation of oxytocin's effects on basolateral amygdala. *İstanbul Bilim Üniversitesi Florence Nightingale Tıp Dergisi*, 4 (2), 79-85. DOI: 10.5606/fng.btd.2018.011
- Mumin Alper Erdogan**, Dimas Yusuf, Joanna Christy, Volkan Solmaz, Arife Erdogan, Emin Taskiran, Oytun Erbas (2018). Highly selective SGLT2 inhibitor dapagliflozin reduces seizure activity in pentylenetetrazol-induced murine model of epilepsy. *BMC Neurology* 2018 18:81, DOI: 10.1186/s12883-018-1086-4
- Saylav Bora, **Mumin Alper Erdogan**, Gurkan Yığıttürk, Oytun Erbas, Ismet Parlak (2018). The Effects of Lipid Emulsion, Magnesium Sulphate and Metoprolol in Amitriptyline-Induced Cardiovascular Toxicity in Rats. *Cardiovascular Toxicology*, June 2018, DOI: 10.1007/s12012-018-9466-y
- Mumin Alper Erdoğan**, Oytun Erbaş (2018). Ion channels and cancer. *FNG & Bilim Tıp Dergisi* 2018;4(1):49-62. Doi: 10.5606/fng.btd.2018.008
- Oytun Erbaş, **Mümin Alper Erdoğan**, Asghar Khalilnezhad, Volkan Solmaz, Fulya Tuzcu Gürkan, Gürkan Yığıttürk, Hüseyin Anı Eroglu, Dilek Taskiran (2018). Evaluation of long-term effects of artificial sweeteners on rat brain: a biochemical, behavioral, and histological study. *Journal of Biochemical and Molecular Toxicology* (2018): e22053. DOI: 10.1002/jbt.22053
- Aykut G Uner, Cengiz Unsal, Humeyra Unsal, **Mumin A Erdogan**, Ece Koc, Mehmet Ekici, Hamdi Avci, Muharrem Balkaya, Ferda Belge, Lokman Tarin (2018). Mice with diet-induced obesity demonstrate a relative prothrombotic factor profile and a thicker aorta with reduced ex-vivo function. *Blood Coagulation & Fibrinolysis* 29(3), 257-266. Doi: 10.1097/MBC.0000000000000713
- Orçun ZORBOZAN, Mehmet HARMAN, Vedat EVREN, **Mümin Alper ERDOĞAN**, Aslı KILAVUZ, Varol TUNALI, İbrahim ÇAVUŞ, Özlem YILMAZ, Ahmet ÖZBİLGİN, Nevin TURGAY (2018). Infecting Glial Cells with Antimony Resistant Leishmania tropica: A New ex-vivo Model. *BULLETIN OF MICROBIOLOGY* Volume: 52 Issue: 1 January 2018. Doi: 10.5578/mb.66350
- Mohammed Loubidi, Jabrane Jouha, Zahira Tber, Mostafa Khoulil, Franck Suzenet, Mohamed Akssira, **Mümin Alper Erdogan**, Fadime Aydın Köse, Taner Dagcı, Güliz Armagan, Luciano Saso, Gérald Guillaumet (2017). Efficient synthesis and first regioselective C-6 direct arylation of imidazo[2,1-c][1,2,4]triazine scaffold and their evaluation in H₂O₂-induced oxidative stress. *European Journal of Medicinal Chemistry*. 27 December 2017, DOI: 10.1016/j.ejmech.2017.12.081
- Mumin Alper Erdogan**, Ozlem Alkan Yilmaz (2017). 64PEffects of rottlerin and genistein through EF2K on proliferation, invasion and cell cycle/death in neuroblastoma cells. *Annals of Oncology* 28(suppl_5):mdx361.059, September 2017, DOI: 10.1093/annonc/mdx361.059
- Mumin Alper Erdogan**, Ozlem Alkan Yilmaz (2017). Rottlerin and Genistein Suppress Cell Proliferation, Invasion, Cell Cycle and Induce Apoptosis in Neuroblastoma Cells. *Poster Communications. Acta Physiol*, 221: 49–125. doi:10.1111/apha.12969
- Taskin B, **Erdoğan MA**, Yığıttürk G, Güneç D, Erbaş O (2017). Antifibrotic Effect of Lactulose on a Methotrexate-Induced Liver Injury Model. *Gastroenterology Research and Practice*, 2017(3):1-5 • August 2017.
- Mumin Alper Erdogan**, Bulent Ozpolat (2017). Abstract 1154: Targeted silencing of elongation factor 2 kinase (EF2K) suppresses invasion, cell proliferation and growth in an orthotopic model of ovarian cancer. *Cancer Research* 77(13):1154 • July 2017, DOI: 10.1158/1538-7445.AM2017-1154
- Mumin Alper Erdogan**, Ozlem Alkan Yilmaz (2017). Effects of rottlerin and genistein on proliferation, invasion and cell death in neuroblastoma cells. *Anatomy* 2017;11(Suppl 1):S1-S86, May 2017, DOI: 10.2399/ana.17.001s
- M.A. Erdogan**, B. Ozpolat (2017). Targeting of NaV1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy. *European Journal of Cancer*, Volume 72, Supplement 1, Page S43, February 2017, DOI: http://dx.doi.org/10.1016/S0959-8049(17)30221-6
- Mumin Alper Erdogan**, Bulent Ozpolat (2017). Targeting of NaV1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy. *Turkish Journal of Biochemistry*, 41(s4), pp. 30-79. Published Online: 2017-01-18, DOI: https://doi.org/10.1515/tjb-2016-s409
- Mümin Alper Erdoğan**, Oytun Erbaş, Asghar Khalilnezhad, Fulya Tuzcu Gürkan, Gürkan Yığıttürk, Dilek Taşkıran (2016). Induction of Behavioral and Histological Alterations in Rats by Chronic Consuming of Artificial Sweeteners: A Comparative Study. *Acta Physiologica*, Special Issue: Turkish Society of Physiological Sciences 42nd National Physiology Congress Volume 218, Issue S709 September 2016 Pages 8–25 DOI: 10.1111/apha.12778.
- Saylav Ejder Bora, **M. Alper Erdoğan**, Guliz Armagan, Elvin Sevgili, Taner Dagci (2016). Vinpocetine and Vasoactive Intestinal Peptide Attenuate Manganese-Induced Toxicity in NE-4C Cells. *Biological Trace Element Research*, Mays 2016. DOI: 10.1007/s12011-016-0742-z.
- Ahmed Ashour, **Alper Erdogan**, Sultan Neslihan Alpay, Nermin Kahraman, Erkan Yuka, Gabriel Lopez-Berestein, Bulent Ozpolat (2015). Abstract 2642: EF2-kinase (EF2K): A novel molecular target in ovarian and pancreatic cancers. *Cancer Research* 75(15 Supplement):2642 August 2015. DOI: 10.1158/1538-7445.AM2015-2642.
- Gonzalez-Villasana V, Rodriguez-Aguayo C, Arumugam T, Cruz-Monserrate Z, Fuentes-Mattei E, Deng D, Hwang RF, Wang H, Ivan C, Garza RJ, Cohen E, Gao H, Armaiz-Pena GN, Del C Monroig-Bosque P, Philip B, Rashed MH, Aslan B, **Erdoğan MA**, Gutierrez-Puente Y, Ozpolat B, Reuben JM, Sood AK, Logsdon C, Lopez-Berestein G (2014). BISPHOSPHONATES INHIBIT STELLATE CELL ACTIVITY AND ENHANCE ANTITUMOR EFFECTS OF NANOPARTICLE ALBUMIN-BOUND PACLITAXEL IN PANCREATIC DUCTAL ADENOCARCINOMA. *Mol Cancer Ther*. 2014; DOI: 10.1158/1535-7163.MCT-14-0028
- Mumin A. Erdogan** and Bulent Ozpolat (2013). Abstract 514: Targeting of Voltage-gated sodium channel Na_v1.5 inhibits cell proliferation and colony formation in breast and ovarian cancer cells. *Cancer Research* 73(8 Supplement):514 August 2013. DOI: 10.1158/1538-7445.am2013-514.
- Balkaya Muharrem, Unsal Cengiz, Unsal Hümeýra, Gokturk Uner Aykut, Koc Ece, **Alper Erdogan Mumin**, Tulin Boylu Nezihe (2011). EFFECT OF CALORIE RESTRICTION ON CERTAIN PLASMA COAGULATION FACTORS AND MITOTIC INDEX IN DIFFERENT ORGANS OF MALE WISTAR RATS. *Acta Physiologica* 2011; Volume 203, Supplement 686
- Balkaya Muharrem, Belge Ferda, Unsal Cengiz, Gokturk Uner Aykut, Sekkin Selim, Bildik Ayteğül, Unsal Hümeýra, **Alper Erdogan Mumin**, Koc Ece. EFFECTS OF DIFFERENT CALORIE RESTRICTION TYPES ON CIRCULATING BLOOD CELLS AND OXIDANT AND ANTIOXIDANT STATUS IN MALE WISTAR RATS. *Acta Physiologica* 2011; Volume 203, Supplement 686

Projects:

TÜBİTAK 1001 Project, Investigation of the cell death in pancreatic cancer after silencing of elongation factor 2 alpha (in vitro and in vivo) by siRNA (small interfering RNA), Project Number 114S499, Researcher and Scholar, 2015

Ege University BAP Project, 16-TIP-006, Nöroblastoma Kanseri Hücre Hatlarında Rottlerin Ve Genistein'in Hücre Proliferasyonu, İnvazyonu Ve Hücre Ölümü/Siklusuna Üzerine Etkileri, Researcher, 2016

Ege University BAP Project, 16-TIP-008, İn vivo Kanseri Modelinde Hücre İçi Parazitlerinin İmmüno-stimulan Etkisinin Araştırılması, Researcher, 2016

UT MD Anderson Cancer Center Projects, Targeting of Nav1.5 channel in metastatic breast cancer models in vitro and in vivo mice as a novel therapy, Araştırmacı, 14/05/2012-13/09/2013

UT MD Anderson Cancer Center Projects, The Role and Therapeutic Potential of Targeting HTR1B in Ovarian Cancer, Araştırmacı, 14/05/2012-13/09/2013

UT MD Anderson Cancer Center Projects, eEF-2K mediated cell death and metastatic pathways in breast cancer, Araştırmacı, 14/05/2012-13/09/2013

UT MD Anderson Cancer Center Projects, eEF-2K mediated cell death and metastatic pathways in lung cancer, Araştırmacı, 14/05/2012-13/09/2013

UT MD Anderson Cancer Center Projects, eEF-2K mediated cell death and metastatic pathways in prostate cancer, Araştırmacı, 14/05/2012-13/09/2013

UT MD Anderson Cancer Center Projects, Targeting of eEF-2K in pancreatic cancer models in vivo, Araştırmacı, 14/05/2012-13/09/2013

PROFESSIONAL MEMBERSHIPS

American Association for Cancer Research (AACR), Molecular Cancer Research Association (MOKAD), European Association for Cancer Research (EACR), Cell Death Research Society (HOAD), The Neuroscience Society of Turkey (TUBAS), Federation of European Neuroscience Societies (FENS) and Society for Neuroscience (SFN) member